

Roadway Network Traffic Data

City of Wildomar
September-October 2019

The following pages include City-wide traffic data and are excerpts from the Wildomar Mobility Plan Existing Conditions Report, dated June 2020. The full report can be accessed online via the link below:

[http://www.cityofwildomar.org/UserFiles/Servers/Server_9894739/File/Government/Departments/Public%20Works/Wildomar%20Mobility%20Plan/Final%20ECR%20\(2020-06-03\).pdf](http://www.cityofwildomar.org/UserFiles/Servers/Server_9894739/File/Government/Departments/Public%20Works/Wildomar%20Mobility%20Plan/Final%20ECR%20(2020-06-03).pdf)



Vehicular Facility Quality

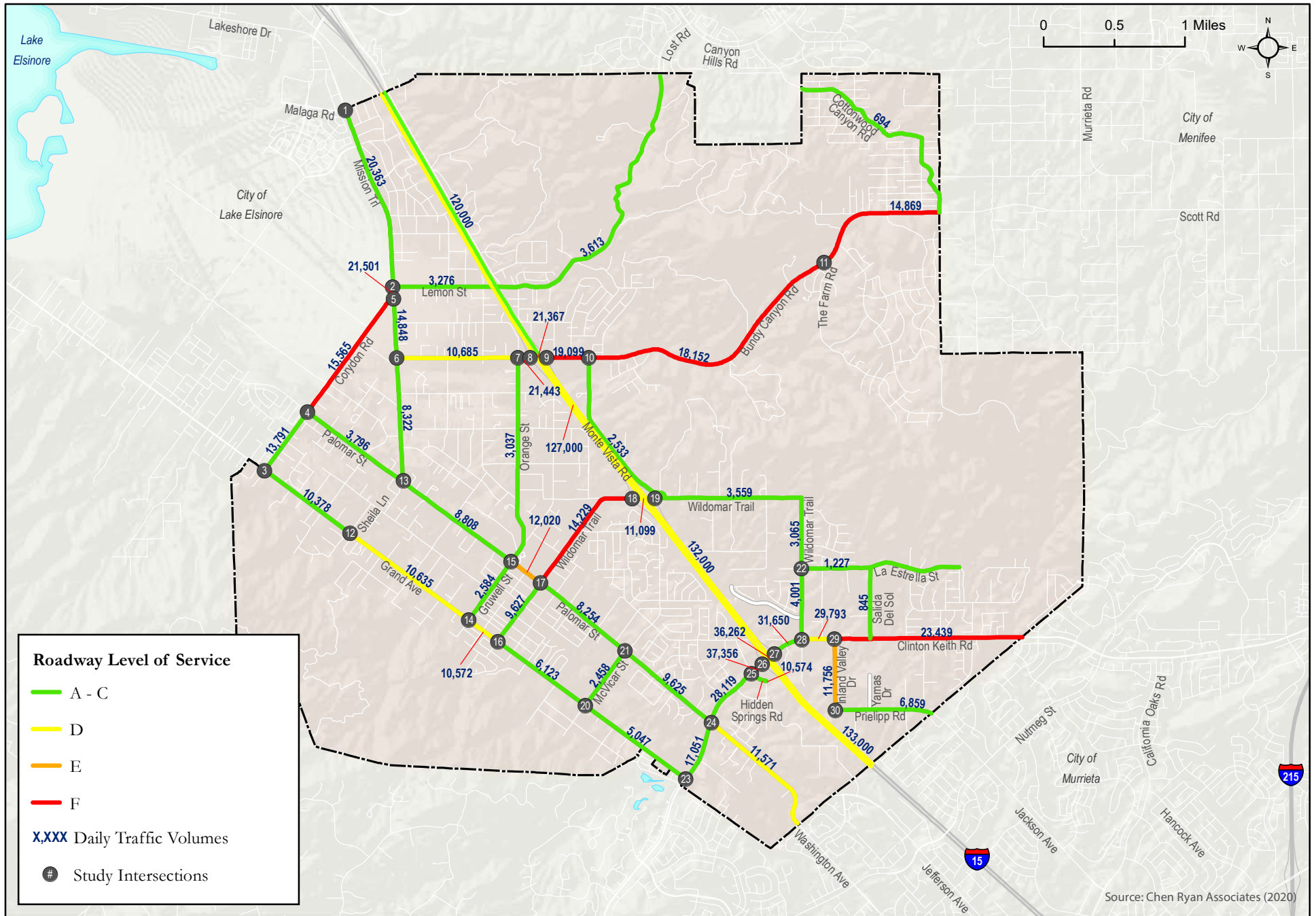
Roadway Segment Level of Service Analysis

Figure 4.30 displays existing average daily traffic volumes for study roadway segments and associated level of service. **Table 4.13** presents the functional classification for each roadway, substandard capacity threshold, highest daily traffic volume, volume to capacity ratio and resulting level of service.

As shown, 8 out of the 48 study segments currently operate at a substandard level of service (LOS E or F), including the following:

- Corydon Road⁵, from Palomar Street to Mission Trail (LOS F)
- Bundy Canyon Road, from I-15 NB Ramps to Monte Vista Road (LOS F)
- Bundy Canyon Road, from Monte Vista Road to The Farm Road (LOS F)
- Bundy Canyon Road, from The Farm Road to City Limit (LOS F)
- Wildomar Trail (formerly Central Street), from Palomar Street to I-15 SB Ramps (LOS F)
- Clinton Keith Road, from Inland Valley Drive to City Limit (LOS F)
- Palomar Street, from Orange Street/Gruwell Street to Wildomar Trail (formerly Central Street) (LOS E)
- Inland Valley Drive, from Clinton Keith Road to Prielipp Road (LOS E)

⁵ The west/north side of this segment is within the City of Lake Elsinore's jurisdiction.



Wildomar Mobility Plan

Figure 4.30
Daily Traffic Volumes and Roadway Level of Service

Source: Chen Ryan Associates (2020)



Table 4.13 Existing Roadway Level of Service

Roadway	Segment	Count Dates	Functional Classification	Capacity (LOS E)	ADT	V/C	LOS
Corydon Road	Grand Avenue to Palomar Street	9/24/2019 & 9/25/2019	2-Lane Arterial	18,000	13,791	0.766	C
Corydon Road	Palomar Street to Mission Trail	9/24/2019 & 9/25/2019	2-Lane Collector	13,000	15,565	1.197	F
Lemon Street	Mission Trail to I-15	9/24/2019 & 9/25/2019	2-Lane Collector	13,000	3,276	0.252	C
Lemon Street	I-15 to Lost Road	9/24/2019 & 9/25/2019	2-Lane Collector	13,000	3,613	0.278	C
Bundy Canyon Road	Mission Trail to Orange Street	9/25/2019 & 9/26/2019	2-Lane Collector	13,000	10,685	0.822	D
Bundy Canyon Road	Orange Street to I-15 SB Ramps	9/25/2019 & 9/26/2019	4-Lane Urban Arterial	35,900	21,443	0.597	C
Bundy Canyon Road	I-15 SB Ramps to I-15 NB Ramps	9/25/2019 & 9/26/2019	4-Lane Urban Arterial	35,900	21,367	0.595	C
Bundy Canyon Road	I-15 NB Ramps to Monte Vista Road	9/25/2019 & 9/26/2019	2-Lane Arterial	18,000	19,099	1.061	F
Bundy Canyon Road	Monte Vista Road to The Farm Road	9/25/2019 & 9/26/2019	2-Lane Collector	13,000	18,152	1.396	F
Bundy Canyon Road	The Farm Road to City Limit	9/25/2019 & 9/26/2019	2-Lane Collector	13,000	14,869	1.144	F
Gruwell Street	Grand Avenue to Palomar Street	9/24/2019 & 9/25/2019	2-Lane Collector	13,000	2,584	0.199	C
Wildomar Trail ¹	Grand Avenue to Palomar Street	9/25/2019 & 9/26/2019	2-Lane Collector	13,000	9,627	0.741	C
Wildomar Trail ¹	Palomar Street to I-15 SB Ramps	9/25/2019 & 9/26/2019	2-Lane Collector	13,000	14,229	1.095	F
Wildomar Trail ²	I-15 SB Ramps to I-15 NB Ramps	9/25/2019 & 9/26/2019	2-Lane Collector	13,000	11,099	0.854	D
Wildomar Trail ²	I-15 NB Ramps to Wildomar Trail ³	9/25/2019 & 9/26/2019	2-Lane Collector	13,000	3,559	0.274	C
La Estrella Street	Wildomar Trail ³ to Eastern Terminus	10/1/2019 & 10/2/2019	2-Lane Collector	13,000	1,227	0.094	C
McVicar Street	Grand Avenue to Palomar Street	9/24/2019 & 9/25/2019	2-Lane Collector	13,000	2,458	0.189	C
Clinton Keith Road	Grand Avenue to Palomar Street	9/25/2019 & 9/26/2019	4-Lane Secondary	25,900	17,051	0.658	C
Clinton Keith Road	Palomar Street to Hidden Springs Road	10/1/2019 & 10/2/2019	4-Lane Urban Arterial	35,900	28,119	0.783	C
Clinton Keith Road	Hidden Springs Road to I-15 SB Ramps	9/25/2019 & 9/26/2019	6-Lane Urban Arterial	53,850	37,356	0.694	C
Clinton Keith Road	I-15 SB Ramps to I-15 NB Ramps	9/25/2019 & 9/26/2019	6-Lane Urban Arterial	53,850	36,262	0.673	C
Clinton Keith Road	I-15 NB Ramps to Wildomar Trail ⁴	9/25/2019 & 9/26/2019	6-Lane Urban Arterial	53,850	31,650	0.588	C
Clinton Keith Road	Wildomar Trail ⁴ to Inland Valley Drive	9/25/2019 & 9/26/2019	4-Lane Urban Arterial	35,900	29,793	0.830	D
Clinton Keith Road	Inland Valley Drive to City Limit	10/1/2019 & 10/2/2019	2-Lane Collector	13,000	23,439	1.803	F
Prielipp Road	Inland Valley Drive to City Limit	9/25/2019 & 9/26/2019	2-Lane Collector	13,000	6,859	0.528	C
Grand Avenue	Corydon Road to Sheila Lane	9/24/2019 & 9/25/2019	2-Lane Arterial	18,000	10,378	0.577	C
Grand Avenue	Sheila Lane to Gruwell Street	9/24/2019 & 9/25/2019	2-Lane Collector	13,000	10,635	0.818	D
Grand Avenue	Gruwell Street to Wildomar Trail ¹	9/24/2019 & 9/25/2019	2-Lane Collector	13,000	10,572	0.813	D



Table 4.13 Existing Roadway Level of Service

Roadway	Segment	Count Dates	Functional Classification	Capacity (LOS E)	ADT	V/C	LOS
Grand Avenue	Wildomar Trail ¹ to McVicar Street	9/24/2019 & 9/25/2019	2-Lane Collector	13,000	6,123	0.471	C
Grand Avenue	McVicar Street to Clinton Keith Road	10/9/2019 & 10/10/2019	2-Lane Collector	13,000	5,047	0.388	C
Palomar Street	Corydon Road to Mission Trail	9/24/2019 & 9/25/2019	2-Lane Collector	13,000	3,796	0.292	C
Palomar Street	Mission Trail to Orange Street/Gruwell Street	9/24/2019 & 9/25/2019	2-Lane Collector	13,000	8,808	0.678	C
Palomar Street	Orange Street/Gruwell Street to Wildomar Trail ¹	9/24/2019 & 9/25/2019	2-Lane Collector	13,000	12,020	0.925	E
Palomar Street	Wildomar Trail ¹ to McVicar Street	9/24/2019 & 9/25/2019	2-Lane Collector	13,000	8,254	0.635	C
Palomar Street	McVicar Street to Clinton Keith Road	9/24/2019 & 9/25/2019	2-Lane Arterial	18,000	9,625	0.535	C
Palomar Street	Clinton Keith Road to City Limit	9/24/2019 & 9/25/2019	2-Lane Collector	13,000	11,571	0.890	D
Mission Trail	City Limit to Lemon Street	9/24/2019 & 9/25/2019	4-Lane Arterial	35,900	20,363	0.567	C
Mission Trail	Lemon Street to Corydon Road	10/9/2019 & 10/10/2019	4-Lane Major	34,100	21,501	0.631	C
Mission Trail	Corydon Road to Bundy Canyon Road	9/24/2019 & 9/25/2019	4-Lane Arterial	35,900	14,848	0.414	C
Mission Trail	Bundy Canyon Road to Palomar Street	9/24/2019 & 9/25/2019	4-Lane Arterial	35,900	8,322	0.232	C
Orange Street	Bundy Canyon Road to Palomar Street	9/25/2019 & 9/26/2019	2-Lane Collector	13,000	3,037	0.234	C
Monte Vista Road	Bundy Canyon Road to Wildomar Trail ²	9/25/2019 & 9/26/2019	2-Lane Collector	13,000	2,533	0.195	C
Hidden Springs Road	Clinton Keith Road to South of Clinton Keith Road	9/25/2019 & 9/26/2019	4-Lane Arterial	35,900	10,574	0.295	C
Wildomar Trail ³	Wildomar Trail ¹ to La Estrella Street	10/9/2019 & 10/10/2019	2-Lane Collector	13,000	3,065	0.236	C
Wildomar Trail ⁴	La Estrella Street to Clinton Keith Road	9/25/2019 & 9/26/2019	2-Lane Collector	13,000	4,001	0.308	C
Inland Valley Drive	Clinton Keith Road to Prielipp Road	9/25/2019 & 9/26/2019	2-Lane Collector	13,000	11,756	0.904	E
Salida Del Sol	La Estrella Street to Clinton Keith Road	10/1/2019 & 10/2/2019	2-Lane Collector	13,000	845	0.065	C
Cottonwood Canyon Road	City Limit to Bundy Canyon Road	9/25/2019 & 9/26/2019	Unpaved Road	N/A	694		C or better

Source: Counts Unlimited, Inc. (September-October 2019)

Note:

Bold letter indicates substandard LOS E and F.

¹ Formerly Central Street.

² Formerly Baxter Road.

³ Formerly Porras Road.

⁴ Formerly George Avenue.